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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/024,073	12/17/2001	Hisamitsu Takagi	FUJI 17.514A	4278

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EXAMINER

DINH, TUAN T

ART UNIT

PAPER NUMBER

2827

DATE MAILED: 01/16/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/024,073

Applicant(s)

TAKAGI, HISAMITSU

Examiner

Tuan T Dinh

Art Unit

2827

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 October 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-16 is/are pending in the application.
- 4a) Of the above claim(s) 10 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 11 and 14 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The specification is silent regarding "coaxial and non-coaxial parts" claims 1-15. Even though, applicant was shown "coaxial and non-coaxial part" on page 20, lines 20 and 35 (in remarks, page 5), but regarding on page 20, there is no where to show the words "coaxial or non-coaxial parts." Applicant would clarify and defines the structure of the coaxial and non-coaxial parts as well to provide claim limitations of the invention.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 11-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Schreiber et al. (U. S. Patent 4,845,311).

As best understood to claim 11, Schreiber discloses a flexible cable (8-figure 1, column 2, line 19) as shown in figures 1-19 comprising:

- a coaxial part (10, column 2, line 21) comprising:

- a flexible base (14, column 3, line 8); and

- first and second conductor patterns (12, column 3, line 16, and 16, column 3, line 20) forming an inner and outer conductors respectively and,

- the flexible base (14) being disposed between said first and second conductor patterns so as to form an electrical insulation there between, and

- a non-coaxial part having a third conductor patterns (82, column 2, line 29) disposed atop the flexible base (see figure 1) in addition to the first and second conductor patterns (12, 16).

As best understood to claim 12, Schreiber discloses a flexible cable (8) as shown in figures 1-19 comprising:

- a coaxial part (10) comprising:

- a first conductor pattern (12);

- two band-shaped second conductor patterns (20, 16-figure 3) disposed parallel to and respectively above and below said first conductor pattern (12), said two band-shaped second conductor patterns being wider than said first conductor pattern (see figures 3-5); and

- an insulator (14) interposed between said first conductor pattern (12) and said two band shaped second conductor patterns (16, 20),

said two band-shaped conductor patterns having through-holes (48-59-figure 7, column 4, line 12) through which said two band-shaped conductor patterns are electrically connected, and a non-coaxial part having a third conductor pattern (82) for transmitting a signal.

As best understood to claim 13, Schreiber discloses a flexible cable (8) as shown in figures 1-19 comprising:

A coaxial part (10) comprising:

a first conductor pattern (12);

a band-shaped second conductor pattern (20; 16) covering a top portion of said first conductor pattern;

a band-shaped third conductor pattern (20; 16) covering a lower portion of said first conductor pattern; and

an insulator (14) interposed between said first conductor pattern and said band-shaped second and third conductor patterns,

said band-shaped second and third conductor patterns having through-holes (48-59) are electrically connected,

said through-holes being arranged at intervals so as capable of being to prevent an electromagnetic wave leak from sides of said first conductor pattern, and a non-coaxial part having a conductor pattern (82) for transmitting a signal.

As best understood to claim 14, Schreiber discloses a flexible cable (8) as shown in figures 1-19 comprising:

a coaxial part (10, column 2, line 21) including a first conductor pattern (12),

two band-shaped second conductor patterns (20, 16) disposed parallel to and respectively above and below said first conductor pattern (12), said two band-shaped second conductor patterns being wider than said first conductor pattern (see figures 3-5), and

an insulator (14) interposed between said first conductor pattern (12) and said two band-shaped second conductor patterns (20, 16), said two band-shaped conductor patterns having through-holes (48-59) through which said two band-shaped conductor patterns are electrically connected; and a non-coaxial part having a plurality of conductor pattern (82) for transmitting signals.

As best understood to claims 15-16, Schreiber discloses a flexible cable (8) as shown in figures 1-19 comprising:

a base (14) having a surface provided with first and second terminals (40, 42, 44, 46-see figure 1);

a first conductor pattern (16) disposed on the surface of the base via (48-59) a spacer and electrically connected to the first terminal;

a second conductor pattern (82) having a non-coaxial structure, and electrically connected to the second terminal, the second conductor and the second terminal are connected via a through hole (48-50); and

a third conductor pattern (20) disposed on an outer side of the first conductor pattern and forming a coaxial structure together with the first conductor pattern.

Response to Arguments

Applicant's arguments with respect to claims 11-16 have been considered but are moot in view of 112 first paragraph and the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Griff and Marinos et al. disclose related art.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan T Dinh whose telephone number is 703-306-5856. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on 703-305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-1341 for regular communications and 703-305-1341 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

TD
January 09, 2003.

Albert W. Paladini 1-10-03
ALBERT W. PALADINI
PRIMARY EXAMINER